

WASTE STREAM CHRONICLE



CITY OF TEMPE ENVIRONMENTAL SERVICES SECTION HAS A NEW NAME

We Are Now a Part of the Water Utilities Department.

On December 14, 2000, the City of Tempe Council, during their last agenda meeting, approved the formation of a Water Utilities Department. Water Utilities Management, Business Services, Operations Services, Environmental Services, Laboratory Services, Utility Customer Services, and Water Resources were combined to form the Water Utilities Department. This Department is responsible for the city's water, wastewater and general environmental programs. Tom Gallier was named Manager of the Department, overseeing a staff of 146 full-time positions and an annual operating budget of \$25 million.

The Environmental Services Division remains basically the same. The Division moved to the new Water Utilities Department. A new Environmental Investigator, Tamara Bednarik, has joined the staff. Tamara is from Davenport, Iowa where she was a Pretreatment Coordinator for the City of Davenport for ten years. Malcolm Montgomery left the City for California in July of 2000. William Coughlin (Environmental Investigator) retired from the City in June of 2000.

BOLDER PROJECT BASIC ON LINE DISASTER EMERGENCY RESPONSE

Sponsored by the United States Environmental Protection Agency's Common Sense Initiative, the B.O.L.D.E.R. Planning Tool is designed to facilitate the implementation of computer generated emergency response team planning.

BOLDER services include:

- Training for emergency responders and companies that utilize the software.
- Review of Company's emergency response plan for completeness.
- On-going technical support.
- Updates of the BOLDER Planning Tool.
- EPA Tier II Annual reports for companies that require them.
- Electronic linking between company producing emergency response plan and local emergency responders, as well as all agencies requiring a copy of the plan.

Membership fees and further information available at:
www.bolderproject.org.

Household Product Collection Center Update

Since the opening the Household Products Collection Center (HPCC) at 1320 East University Drive, over 3,143 vehicles have utilized the Collection Center. Items are accepted from Tempe and Guadalupe residents only, no commercial establishments or businesses may bring in items. Electronic equipment is accepted and Christmas trees were recycled this past year. The City has collected 80,000 pounds of unwanted household products. Over 81% of the material is recycled in some manner, 23% was used as alternative fuel and 0% was sent to landfill.



STORM WATER PROGRAM

All industries have responsibilities to Chapter 12 of the Tempe City Code, "Storm Water Pollution Control." Unless expressly authorized or exempted by this article, no person (definition: Person means any individual, partnership, co-partnership, firm, company, corporation, limited liability company, association, joint stock company, trust, estate, governmental entity, or any other legal; or their legal representatives, agents, or assigns) shall use, store, spill, dump or dispose of materials in a manner that those materials could cause or contribute to the addition of pollutants to storm water).

Environmental Investigator/s will be looking for these pollutants (Pollutant means any solid, liquid, gaseous, or other substance that can alter the physical or chemical properties of water including, but not limited to: fertilizers, solvents, sludge, petroleum and petroleum products, solid waste, garbage, biological materials, radioactive materials, sand, dirt, animal wastes, acids and bases) at all industries.

Compliance and enforcement activities are also included in the ordinance. For the complete ordinance visit the City of Tempe website www.tempe.gov/env/. Then go to Research, City Code, Chapter 12, Drainage & Flood Control for complete details.

EPA PROPOSES METAL PRODUCTS AND MACHINERY EFFLUENT GUIDELINES

The EPA is proposing a new categorical industrial classification published in the Federal Register 1/3/2001 at 66 FR 424-558. The deadline for comments is May 3, 2001. This new classification, "Metal Products and Machinery," (MP&M) will cover facilities that manufacture, rebuild, and maintain metal parts, products and machines.

This regulation will cover sites not presently covered as well as those covered by 40 CFR 413 (Electroplating) and 40 CFR 433 (Metal Finishing).

MP&M covers industries that maintain, manufacture or rebuild metal parts, products or machines used in the following sectors: Aerospace, Aircraft, Bus & Truck, Electronic Equipment, Hardware, Household Equipment, Instruments, Job Shops, Mobile Industrial Equipment, Motor Vehicle, Office Machine, Ordnance, Precious Metals & Jewelry, Printed Wiring Boards, Railroad, Ships & Boat, Stationary Industrial Equipment and Miscellaneous Metal Products. These eighteen sectors cover more than 200 different SIC codes. See Appendix A of the proposed rule for further descriptions. The above list is a guide for readers regarding entities likely to be regulated by this action. For applicability criteria see Sections III, VI.C and 40 CFR 438.1 of the proposed rule.

EPA has characterized typical MP&M unit operations as belonging to one or more of the following types: assembly/disassembly, metal deposition, metal shaping, organic deposition, printed wiring board, surface finishing, surface preparation, and dry dock operations. Typical unit operations at MP&M facilities include

any one or more of the following: abrasive blasting, abrasive jet machining, acid treatment, adhesive bonding, alkaline cleaning for removal of oil, alkaline treatment, anodizing, aqueous degreasing, assembly, barrel finishing, brazing, burnishing, calibration, chemical conversion coating, chemical milling, chromate conversion coating, corrosion preventive coating, disassembly, electrical discharge machining, electrochemical machining, electroless plating, electrolytic cleaning, electroplating, electron beam machining, electropolishing, floor cleaning, grinding, heat treating, hot-dip coating, impact deformation, laminating, laser beam machining, machining, metal spraying, painting (spray/brush or immersion), photo resist applications, physical vapor deposition, plating, plasma arc machining, polishing, pressure deformation, rinsing, salt bath descaling, soldering, solvent degreasing, sputtering, stripping (paint or metallic coating), testing, thermal cutting, thermal infusion, ultrasonic machining, vacuum metalizing, washing finished product, welding, wet air pollution control, and numerous sub-operations within those listed above.

Federal, State and Local government agencies that operate these types of facilities will also be covered. For example, a town such as Tempe that operates its own bus, truck and/or snow removal equipment (remember the author is from Iowa), facility will be regulated.

This proposal defines subcategories based on unit operations performed and the nature of the waste generated (see Section VI of the notice for discussions of subcategorization and sub-category-specific applicability).

Not included is maintenance or repair of metal parts, products or machines that occur only as ancillary activities at facilities not included in the 18 industrial sectors.

This proposal covers process wastewater and discharges from non-contact, nondestructive testing generated at MP&M facilities. In addition, wastewater flows from operations that have associated rinses that remove materials that preceding processes have deposited on the surface of a work piece and water-discharging air pollution control devices which become contaminated with process contaminants removed from the air.

Washing vehicles only when it occurs as a preparatory step prior to performing an MP&M unit operation is included, not when it is performed for aesthetic/cosmetic purposes. In the General Metals subcategory, coverage will continue under 40 CFR 413 for existing indirect dischargers with flow equal to or less than 1 million gallons per year (MGY) to POTW. Coverage will also continue under 40 CFR 433 for existing indirect dischargers with flow less than or equal to 1 MGY.

Coverage of 40 CFR 438 is for all new and existing direct dischargers no matter what volume discharged and for indirect dischargers with a volume greater than 1 MGY. Non-Chromium Anodizing regulations for existing indirect dischargers currently covered by 40 CFR 413 **And** who perform only non-chromium anodizing (or do not commingle non-chromium anodizing wastewater with other process wastewater for discharge will continue to be covered by 40 CFR 413. New and existing indirect non-chromium anodizing dischargers not covered by 40 CFR 413 that perform only non-chromium anodizing (or do not commingle non-chromium anodizing wastewater with other process wastewater for discharge will be covered by 40 CFR 433. Existing and new direct dischargers of non-chromium anodizing will be covered by 40 CFR 438.

For Metal Finishing Job Shops, Steel Forming and Finishing, and Printed Wiring Board (Printed Circuit Board) subcategories, all new and existing direct and indirect dischargers, the coverage will be 40 CFR 438; these categories would no longer be covered by 40 CFR 413 or 40 CFR 433.

Oily Waste Subcategory coverage for new and existing direct dischargers as described at 40 CFR 438.60. This sub category excludes new and existing indirect dischargers that introduce less than 2 MGY to the POTW. It is a catch all for facilities not covered by railroad or shipbuilding whose wastewater does not have metal loadings at levels where they can be effectively treated and, in addition, only discharge wastewater from one or more of the MP&M unit operations.

Additional subcategories are covered.

The proposed regulation is very lengthy, complex and has the potential of impacting a large number of industries and businesses not previously included in the industrial pretreatment program. This overview of the regulation is intended to give industrial users an awareness of what may occur while the opportunity still exists to offer input to the proposal.

To view the complete proposed regulation, please go to:
www.epa.gov/ost/guide/mpm

Comments regarding this regulation should be sent to:

Mr. Michael Ebner, Office of Water, Engineering and Analysis Division (4303),
U. S. EPA, 1200 Pennsylvania Ave. NW, Washington, D.C., 20460.

WEBSITE UPDATED

Ray Hagen has re-constructed the Tempe Environmental website. Please be sure to visit frequently, as more changes are in store. The address is: www.tempe.gov/env/ You are now able to report pH violations and other minor non-compliance issues by filling out the Notice of Violation form on the website. Go to:

www.tempe.gov/env/pretreat.htm

and then click on the arrow to Violation Notice. This does not preclude the necessity of reporting by phone, but it makes it easier to insure that you have all the required information at hand when making these required reports. The report must still be sent in to our office within the required time period. Please let us know what you think of our, "New and Improved site."

ANNUAL REPORTS

Just as all industrial users are required to report to the City of Tempe on at least an annual basis [although by the time you receive this newsletter, if you have not fulfilled this requirement you are in Significant Non-Compliance (SNC)]. Tempe is required to report to EPA; we are now working on preparing our annual report to the Environmental Protection Agency. This is a requirement of the National Pollutant Discharge Elimination System (NPDES) permit for all pretreatment cities. The annual report to EPA includes basic information on your industry as well as any sampling and analytical information. The number of inspections performed and violations are also included. Every three years, EPA sends an inspector to the City to review the City's program and inspects several industries. This year the EPA was here in August for two days inspecting the City's Pretreatment Program.

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www.tempe.gov/env/default.htm

City of Tempe

Environmental Services Division

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